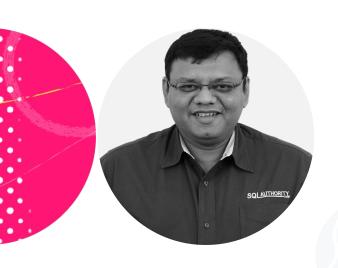
# Performance Tuning in Real World

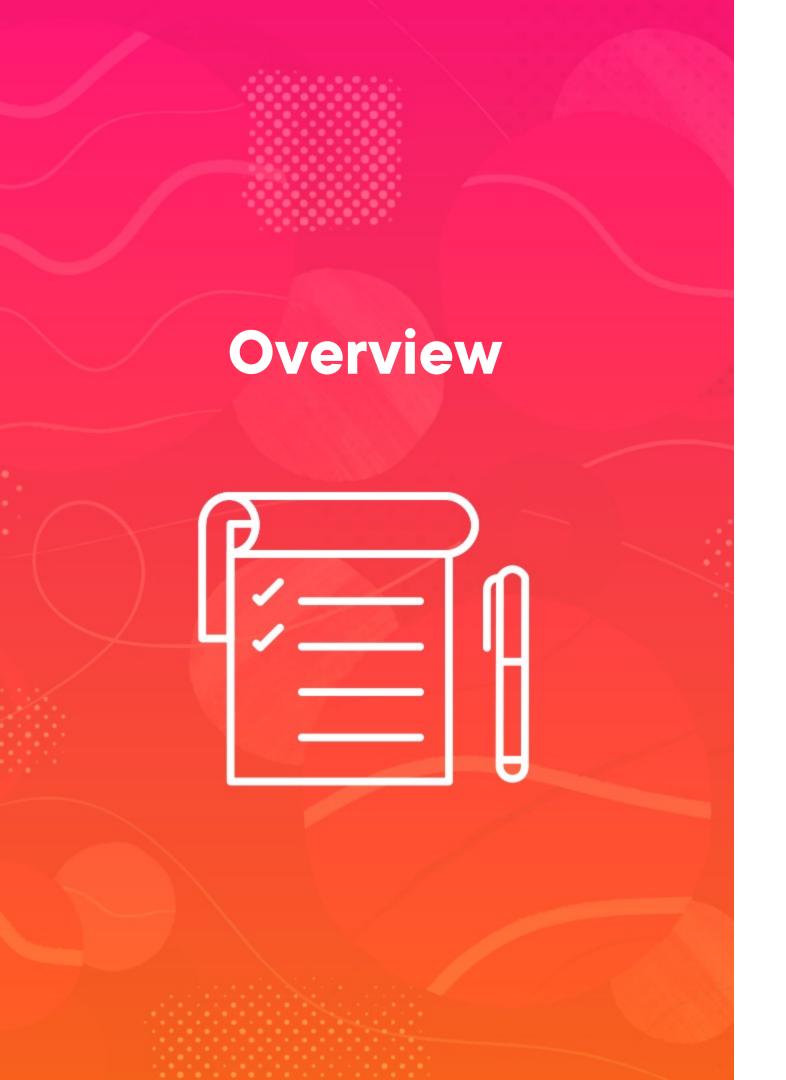


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Optimizing CPU for Fibonacci series
Resolving memory leak in application

## Demo



Optimizing CPU for Fibonacci series

## Demo



Resolving memory leak in application

## Summary



#### **CPU** optimization:

- Optimizing the algorithm
- Changing data structure
- Data caching

#### **Memory Optimization:**

- Reusing data structure
- Optimizing the algorithm

#### Important Resources

Official documentation - <a href="https://pkg.go.dev/runtime/pprof">https://pkg.go.dev/runtime/pprof</a>

Pluralsight Library: Search "Go Lang"

**Pluralsight Discussion Forum** 

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